
RST-11164R (March 2002)

Superseding

STAR-11164R (June 2001)

RST-11164 (08/00)

GUIDE SPECIFICATION FOR CONSTRUCTION

Specification revised to meet U.S. Army Reserve requirements (June 2001)

SECTION TABLE OF CONTENTS

DIVISION 11 - EQUIPMENT

SECTION 11164R

DOCK SEALS AND SHELTERS

03/02

PART 1 GENERAL

- 1.1 REFERENCES
- 1.2 GENERAL REQUIREMENTS
- 1.3 SUBMITTALS

PART 2 PRODUCTS

- 2.1 MATERIALS
 - 2.1.1 Dock Shelters:
 - 2.1.2 Framing:
 - 2.1.3 Cover Material:
 - 2.1.4 Head Curtains:
 - 2.1.5 Angles:
 - 2.1.6 Protective Steel Channel Bumpers:
- 2.2 FABRICATION

PART 3 EXECUTION

- 3.1 INSPECTION
- 3.2 INSTALLATION

-- End of Section Table of Contents --

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SECTION 11164R

DOCK SEALS AND SHELTERS

03/02

PART 1 GENERAL

1.1 REFERENCES

NOTE: Issue (date) of references included in project specifications need not be more current than provided by the latest change (Notice) to this guide specification.

RST-11164 is a Louisville District Army Reserve Support Team (RST) guide specification.

The publications listed below form a part of this specification to the extent referenced. The publications are referred to in the text by basic designation only.

AMERICAN SOCIETY FOR TESTING MATERIALS (ASTM)

ASTM A36	Specification for Structural Steel
ASTM A123	Specifications for Zinc (Hot-Dip Galvanized) on Iron and Steel Hardware
ASTM A307	Specification for Carbon Steel Externally Threaded Standard Fasteners

1.2 GENERAL REQUIREMENTS

Manufacturer shall have a minimum of five years experience in the manufacturer of dock seals and shelters. Installer shall be approved by the manufacturer in installing products of this section.

1.3 SUBMITTALS

NOTE: Submittals must be limited to those necessary for adequate quality control. The importance of an item in the project should be one of the primary factors in determining if a submittal for the item should be required.

Indicate submittal classification in the blank space following the name of the item requiring the submittal by using "G" when the submittal requires Government approval. Submittals not classified as "G" will show on the submittal register as "Information Only". For submittals requiring Government approval, a code of up to three characters should be used following the "G" designation to indicate the approving authority; codes of "RE" for Resident Engineer approval, "ED" for Engineering approval, and "AE" for Architect-Engineer approval are recommended.

Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are for information only. When used, a designation following the "G" designation identifies the office that will review the submittal for the Government. The following shall be submitted in accordance with Section 01330 SUBMITTAL PROCEDURES:

SD-02 Shop Drawings

Drawings; FIO

Drawings shall include elevations, sections and shall show dimensions, details and methods of mounting or anchoring, shape and thickness of materials, and details of construction.

SD-03 Product Data

Dock Seals; FIO

Manufacturer's descriptive data, catalogs cuts and installation instructions.

NOTE: Vendor information that forms part of this guide specification is permissible to use as long as the salient features provide for "or equal" product equivalents are specified. Submittal clauses must be modified to make known that specific vendor information is being specified. If the Contractor chooses to provide the specified vendor's product, the submittal for that item is considered a For Information Only submittal. If the Contractor uses a different "or equal" item, then it will be evaluated against the salient features. Hence, it

is considered for Government Approval (G).

Acceptable Manufacturer Products; FIO

Manufacturers products listed in this specification are referenced to establish a standard of quality. When the specific product listed is submitted by the Contractor, that submittal will be considered For Information Only. When an equal to that named in this specification is submitted, it shall be for Government Approval (G). The following manufacturer products are specifically mentioned in this specification:

Dock seals: Chalfant Door Seals; FIO
11525S Madison Avenue
Cleveland, Ohio 44102
216-521-7922.

Dock Seals: SERCO; FIO
1612 Hutton, Suite 140
Carrolton, Texas 75006
972.466.0707
www.sercocompany.com

Dock Seals: Fairborn USA Inc.; FIO
205 Broadview Street
Upper Sandusky, Ohio 43351
800-262-1188
www.fairbornusa.com

Dock Seal Manuf. Product submitted as an "or equal"; G [____].

PART 2 PRODUCTS

2.1 MATERIALS

2.1.1 Dock Shelters:

Provide tight wiper seal shelter against sides, top and bottom of trucks to allow complete access to truck body. Shelter shall be angled for declined dock ramp.

2.1.2 Framing:

Factory painted wood members, complete with translucent fiberglass top and side panels, bottom pads and hardware.

2.1.3 Cover Material:

45 oz. neoprene-coated nylon cover with built-in stays; black both sides. Bottom of each side flap shall include buffer strip of nylon fabric coated on both sides with neoprene. Buffer strips shall each have a 88.9mm side yellow vinyl coated nylon guide stripe.

2.1.4 Head Curtains:

Head curtain shall include on both sides overlapping armor-pleats of nylon fabric coated on both sides with neoprene. Curtain shall have built-in stays.

2.1.5 Angles:

Anodized extruded aluminum protective angles on front edges of the frames complete with aluminum bolts.

2.1.6 Protective Steel Channel Bumpers:

ASTM A 36 steel, hot dip galvanized. (ASTM A 123)

2.2 FABRICATION

Fabricate steel channel bumpers of 152.4mm channels and 6.35mm plate per manufacturer's standards. Bumpers shall be galvanized after fabrication.

PART 3 EXECUTION

3.1 INSPECTION

Inspect areas and conditions under which work is to be installed. Do not proceed with the work until unsatisfactory conditions have been corrected.

3.2 INSTALLATION

Install dock shelters and steel bumpers in accordance with manufacturer's instructions. Provide all accessories necessary to complete the installation.

Install dock shelters plumb, level and in alignment. Caulk all joints of the translucent fiberglass panels.

---End of Section---